

## CONTROLLED TIMING DURING SOFT HAND OFFS IN A WIRELESS SYSTEM

### ABSTRACT OF THE DISCLOSURE

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A method for controlling communications between a mobile device and a pair of base stations during a soft hand off mode of operation is provided. Generally, communications between a first base station and a mobile device are synchronized relative to a first timing signal produced by the first base station. When the mobile device is transported to a location 10 that causes the system to hand off communications to a second base station, the mobile device begins communicating with both the first and second base stations, but the communications with both base stations are synchronized relative to the first timing signal. Thereafter, at the completion of the hand off, the mobile device begins communicating solely 15 with the the second base station using a second timing signal delivered by the second base station.